

SEQ ID NO	Name	
191	Apo E synthetic target 112 C	5'-ctgggcgacatgagagcgtgcgcggccgctgggtgcagtcaccgcgcgag
192	Apo E synthetic target 112 T	5'-ctgggcgacatgagagcgtgtgcgcgcgcctgggtgcagtcaccgcgcgag
193	Apo E 158 C synthetic target	5'-cgcatgccgatgacctgcagaagcgcctggcagtgaccaggccggggcccgga
194	Apo E 158 T synthetic target	5'-cgcatgccgatgacctgcagaagtcctggcagtgaccaggccggggcccgga
195	Apo E 112 T/C invader oligo	5'-cgggtactgcaccaggcggcgct
196	Apo E 158 C/T invader oligo	5'-ccccgcctgggtacactgccaggct
197	Apo E 112 C probe	5'-aacgaggcgacgcacgtctctccatgt
198	Apo E 112 T probe	5'-gaacgaggcgacacacgctctccZtgt-NH2
199	Apo E 158 C probe	5'-aacgaggcgacgctctgcaggtaic
200	Apo E 158 T probe	5'-aacgaggcgacactctgcZggtaic
201	Apo E FRET cassette	5'-F-cctc(CY3)gtctcggtttccgagacgagggtgcgcctcgttc
202	(865-49-05) HH C282Y mt/wt invader oligo	5'-ccccctggggaagagacagatatatcgtc
203	(865-56-01) HH H63D mt/wt invader oligo	5'-gggctccacacgcgcgactctcatt
204	(792-48-06) HH C282Y wt synthetic target	5'-gggtctccaccctggCaagtatatctctgtctctccag
205	(792-48-07) HH C282Y mt synthetic target	5'-gggtctccaccctggTactatatctctgtctctccag
206	(930-54-01) HH H63D wt synthetic target	5'-agctgttcgtgtctatgatcatgatgagagtcgcgcgtgtggagccccg
207	(930-54-02) HH H63D mt synthetic target	5'-agctgttcgtgtctatgatgatgagagtcgcgcgtgtggagccccg
208	(930-14-03) HH C282Y wt probe	5'-aacgaacgcgcagGccagggtggagcattt
209	(930-14-04) HH C282Y mt probe	5'-aacgaacgcgcagAccagggtggagcac

# Genetic Information

210	(930-14-12) HH C282Y FRET cassette	5'-F-ctcc(CY3)gtctcggtttccgagac-ggagctgcgcgttcgjuuu
211	(792-70-03) HH H63D wt probe	5'-aagcacgcagcacgacatagagaacacgaacagttt
212	(792-70-06) HH H63D mt probe	5'-aagcacgcagcacacatagagaacacgaacagttt
213	(792-70-10) HH H63D FRET cassette	5'-F-acgc(CY3)gtctcggtttccgagacgcgtgtgctgcgttcgjuuu
214	MTHFR wt synthetic target	5'-gaagggtgtcgcgggagCcgatttcacacgcagcagctttctttgagg
215	MTHFR mt synthetic target	5'-gaagggtgtcgcgggagTcgatttcacacgcagcagctttctttgagg
216	MTHFR wt/mt invader oligo	5'-caaaagaaagcgtggtgatgaaatcgC
217	MTHFR wt probe	5'-aacgaggcgacGctccgcgagacac-biotin
218	MTHFR mt probe	5'-aacgaggcgacActccgcgagacac-biotin
219	MTHFR FRET cassette	5'-F-cctc(CY3)gtctcggtttccgagacgagggtgcgcctcgttt-NH2
220	prothrombin wt synthetic target	5'-actgggagcattgaggctCgctgagagtcacttttttgggaaccatagtt
221	prothrombin mt synthetic target	5'-actgggagcattgaggctTgctgagagtcacttttttgggaaccatagtt
222	prothrombin wt/mt invader oligo	5'-tatgttcccaataaaagtgacitcagcT
223	prothrombin wt probe	5'-aacgaggcgacGagcctcaatgctccc-NH2
224	prothrombin mt probe	5'-aacgaggcgacAagcctcaatgctccc-NH2
225	Prothrombin FRET cassette	5'-F-cctc(CY3)gtctcggtttccgagacgagggtgcgcctcgttt-NH2
226	(818-19-02) HR-2 synthetic target	5'-tgaagtctagagaaagggttgaCggctgaggcttgagagaaatgggcatctg
227	(854-06-01)alpha actin synthetic target	5'-tttgaatgtcacaggggttcctaacacgaccactcttcctgga'tggg
228	(883-49-03) HR-2 mutant invader oligo	5'-agatgccattcttcagacctcagccc
229	(927-18-07) HR-2 mutant probe	5'-aagcacgcagcacGtaacacccttctctagacaaa

230	(865-28-31) HR-2, alpha actin FRET cassette	5'-F-ctcc(CY3)gtctcggttttccgagacggagggtgctgctgctgcuuu
231	(949-09-05)alpha actin invader oligo	5'-ccatccagggaaagagtgccctgttT
232	(854-72-04) alpha actin probe	5'-aagcacgcagcacAggaacccctgtgacat
233	TNF- wt synthetic target	5'-taggttttaggggcatgGggacgggggttcagccctccagggtccta
234	TNF- mt synthetic target	5'-taggttttaggggcatgAggacgggggttcagcctccagggtccta
235	TNF- wt/mt invader oligo	5'-gacctggaggctgaacccccgtcca
236	TNF- wt probe	5'-aacgaggcgcacCcatcggggtcacaac
237	TNF- mt probe	5'-aacgaggcgcacTcatgccccctcaaac
238	FVL WT Synthetic target	5'-aaggacaaaatacctgtattctgcctgctccagggtatctgctcttacagattaga
239	FVL MT Synthetic target	5'-aaggacaaaatacctgtattctgctccagggtatctgctcttacagattaga
240	FVL WT/MT Invader oligo	5'-taatctgaagacagatccctggacagRcc
241	FVL WT probe	5'-aacgaggcgcacgagggaalacaggattttgtc-NH3
242	FVL MT probe	5'-aacgaggcgcacaggaalacaggattttgtc-NH3
243	MRSA mec-A invader oligo	5'-ggtaagggttggaataaaagataaC
244	MRSA mec-a probe	5'-gcgccgaggTcttggggtggttacaag-NH3
245	MRSA FRET cassette	5'-F-cttc(CY3)gtctcggttttccgagactgagacctcgggcgcg-biotin
246	MRSA nuc invader oligo	5'-cactgtctcaggaccatatttctctcC
247	MRSA nuc probe	5'-cgcccgaggAcaccttttttaggggtgctttgt-NH3
248	PCR primers for mec-A gene 5'	5'-AAA ATC GAT GGT AAA GGT TGG C-3'
249	PCR primers for mec-A gene 3'	5'-AGT TCT GCA GTA CCG GAT TTG C-3'

250	PCR primers for nuc gene	5'-TCGCTACTAGTTGCTTAGTG-3'
251	PCR primers for nuc gene	5'-GTAAACATAAGCAACTTTTAG-3'
252	MRSA mec-A target from figure	5'-cttgaaccaccaccaagattatctttttgccaacctttacc
253	MRSA nuc target from figure	5'-acaaagcacccctaaaaaaagggtagagagaaatatggtcctgaagcaagtg